

# Work Order ID 82869

\*82869\*

Page 1

Tuesday, April 10, 2012 2:28:07 PM

Item ID: D350-607-541 Accept \*N900040100\* Setup Start \*NS1\*  
 Revision ID: Stop \*NS2\*  
 Item Name: Heli-Utility-Basket  
 Start Date: 4/10/2012 Start Qty: 1.00 \*1\* Cust Item ID:  
 Required Date: 4/20/2012 Req'd Qty: 1.00 \*1\* Customer:  
 Reference:

Approvals: Process Plan: *P* Date: *12-04-10* Tooling: Date: Run Start \*NR1\*  
 QC: Date: SPC (Y/N): Date: Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D350-607-3	A								

100 DOCUMENT CONTROL 0.00  
 \*100\*  
 DC Memo 0.00  
 Document Control Photocopy bluefile & type labels per PPPD350-607-541 CHG003 *12/04/24*

110 Pick Kit 0.00  
 \*110\*  
 Packaging Memo 0.00  
 Packaging \*\*\*\*Mask label plate to size of D4086 label, use scotchbrite red pad to lightly sand area for label, apply label\*\*\*\* *12/04/24*

120 QC4- 100% Inspect kits for completeness 0.00  
 \*120\*  
 QC Memo 0.00  
 Quality Control *200/10*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Work Order ID 82869

\*82869\*

Page 2

Tuesday, April 10, 2012 2:28:07 PM

Item ID: D350-607-541 Accept \*N900040100\* Setup Start \*NS1\*  
 Revision ID: Stop \*NS2\*  
 Item Name: Heli-Utility-Basket  
 Start Date: 4/10/2012 Start Qty: 1.00 \*1\* Cust Item ID:  
 Required Date: 4/20/2012 Req'd Qty: 1.00 \*1\* Customer:  
 Reference:

Approvals: Process Plan: Date: Tooling: Date: Run Start \*NR1\*  
 QC: Date: SPC (Y/N): Date: Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Pick Kit	0.00							
*130*									
Packaging	Memo	0.00							
Packaging	Package as per PPPD350-607-541								
140	QC21- Final Inspection - Work Order Release	0.00							
*140*									
QC	Memo	0.00							
Quality Control									

12 6/4/27

MLJ 12/04/27

MF 12-04-27

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Tuesday, April 10, 2012 2:28:12 PM

Page 1

Work Order ID: 82869

\*82869\*

Parent Item: D350-607-541

\*D350-607-541\*

Parent Item Name: Heli-Utility-Basket

Start Date: 4/10/2012

Required Date: 4/20/2012

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 10-08-19 AS PER REV.A DD VERF BY:EC IPP Rev:B  
11.02.09 add to install label DD verf by:EC IPP REV:C 12.03.06  
AS PER ECN12-535 DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D350-607-511

CHC702

Manufactured

No

110

Each

2.0000

1

1

\*D350-607-511\*

Quick Release Basket Mounting Installation

\*\*

82318 JB

Location

Loc Qty

Loc Code

FG032

2

81430

2

D2690-6

Manufactured

No

110

Each

24.0000

1

1

\*D2690-6\*

Lanyard Assembly

\*\*

83360 JB

Location

Loc Qty

Loc Code

ST016

24

82061

24

D3912-041

Manufactured

No

110

Each

1.0000

1

1

\*D3912-041\*

Eyebolt Receiver Assembly

\*\*

381457 SQ

Location

Loc Qty

Loc Code

st507

1

82327

1

D4030-041

Manufactured

No

110

Each

0.0000

1

1

\*D4030-041\*

Long Basket Assembly (350)

\*\*

82875 a

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Tuesday, April 10, 2012 2:28:12 PM

Work Order ID: 82869

\*82869\*

Parent Item: D350-607-541

\*D350-607-541\*

Parent Item Name: Heli-Utility-Basket

Start Date: 4/10/2012

Required Date: 4/20/2012

Start Qty: 1.00

Required Qty: 1.00

D4085-3 Manufactured No

110 Each

16.0000

1

1

\*\*

S \*D4085-3\*

Placard, Instructions

Location

Loc Qty

Loc Code

ST122

16

81479

16

81479

D4151-041

Manufactured No

110 Each

8.0000

1

1

\*\*

S \*D4151-041\*

Basket Fwd Hardpoint Assembly, Lower

Location

Loc Qty

Loc Code

ST134

8

81692

6

81692

82329

2

D4151-043

Manufactured No

110 Each

1.0000

1

1

\*\*

S \*D4151-043\*

Basket Fwd Hardpoint Assembly, Upper

Location

Loc Qty

Loc Code

ST134

1

81464

1

D4150-041

Manufactured No

110 Each

0.0000

1

1

\*\*

S \*D4150-041\*

Attachment Arm Assembly

82328

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Picklist Print

Tuesday, April 10, 2012 2:28:13 PM

Work Order ID: 82869

**\*82869\***

Parent Item: D350-607-541

**\*D350-607-541\***

Parent Item Name: Heli-Utility-Basket

Start Date: 4/10/2012

Required Date: 4/20/2012

Start Qty: 1.00

Required Qty: 1.00

AN4-13A

Purchased

No

110

Each

1,349.000

6

6

\*\*

**\*AN4-13A\***

Bolt

Location

Loc Qty

Loc Code

ST357

1349

119449

39

120187

70

120422

340

120770

400

121162

500

120422

AN4C15

Purchased

No

110

Each

76.0000

1

1

\*\*

**\*AN4C15\***

BOLT

Location

Loc Qty

Loc Code

ST358

76

120124

26

121146

50

120124

AN310C4

Purchased

No

110

Each

69.0000

1

1

\*\*

**\*AN310C4\***

Nut

Location

Loc Qty

Loc Code

ST344

69

120360

30

121166

39

121166

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Page 4

Tuesday, April 10, 2012 2:28:13 PM

Work Order ID: 82869

\*82869\*

Parent Item: D350-607-541

\*D350-607-541\*

Parent Item Name: Heli-Utility-Basket

Start Date: 4/10/2012

Required Date: 4/20/2012

Start Qty: 1.00

Required Qty: 1.00

MS17984-C413

Purchased

No

110

Each

31.0000

1

1

\*\*

\*MS17984-C413\*

PIN, QUICK RELEASE

## Location

## Loc Qty

## Loc Code

ST315

3

114340

1

118612

2

ST335

28

121091

28

110

Each

4,000.000

6

6

\*\*

MS21042L4

Purchased

No

\*MS21042L4\*

Nut

## Location

## Loc Qty

## Loc Code

ST300

4000

119017

4

119075

1996

121011

2000

110

Each

278.0000

1

1

\*\*

MS24665-151

Purchased

No

\*MS24665-151\*

Cotter Pin

## Location

## Loc Qty

## Loc Code

ST309

278

17566

278

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Page 5

Tuesday, April 10, 2012 2:28:13 PM

Work Order ID: 82869

\*82869\*

Parent Item: D350-607-541

\*D350-607-541\*

Parent Item Name: Heli-Utility-Basket

Start Date: 4/10/2012

Required Date: 4/20/2012

Start Qty: 1.00

Required Qty: 1.00

NAS1515H4L

Purchased

No

110

Each

453.0000

2

2

\*\*

\*NAS1515H4I \*

WASHER

Location

Loc Qty

Loc Code

FG

8

103691

8

ST277

445

118709

24

120390

421

110

Each

310.0000

12

12

\*\*

NAS1149F0432P

Purchased

No

\*NAS1149F0432P\*

Washer

Location

Loc Qty

Loc Code

ST275

310

121166

110

121255

200

110

Each

985.0000

3

3

\*\*

NAS1149C0463R

Purchased

No

\*NAS1149C0463R\*

Washer

Location

Loc Qty

Loc Code

FP001

1

115358

1

ST297

984

117735

36

119097

948

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

## 4.0 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-607-541 (Standard Basket)	80.7 lb 36.6 kg	± 49.1 in ± 1.25 m	± 3962 in-lb ± 45.8 m-kG	135 in 3.43 m	10895 in-lb 125.5 m-kG
D350-607-543 (Lightweight Basket)	65.7 lb 29.8 kg	± 49.1 in ± 1.25 m	± 3226 in-lb ± 37.3 m-kG	135 in 3.43 m	8870 in-lb 102.2 m-kG
D350-607-545 (Standard Basket)	58.7 lb 26.2 kg	± 49.1 in ± 1.25m	± 2882 in-lb ± 32.8 m-kG	135 in 3.43 m	7925 in-lb 89.9 m-kG
D350-607-547 (Lightweight Basket)	47.7 lb 21.6 kg	± 49.1 in ± 1.25 m	± 2342 in-lb ± 27.0 m-kG	135 in 3.43 m	6440 in-lb 74.1 m-kG
D350-607-511 (Quick Release Basket Mounting Kit)	7.2 lb 3.3 kg	± 36.9 in ± 0.94 m	± 266 in-lb ± 3.1 m-kG	135 in 3.43 m	972 in-lb 11.3 m-kG

## 5.0 PARTS LIST

QTY -541	QTY -543	QTY -545	QTY -547	QTY -511	QTY -501	PART NUMBER	DESCRIPTION
X						D350-607-541	HELI-UTILITY-BASKET
	X					D350-607-543	HELI-UTILITY-BASKET
		X				D350-607-545	HELI-UTILITY-BASKET
			X			D350-607-547	HELI-UTILITY-BASKET
/ 1	1	1	1	X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT
					X	D350-607-501	CONVERSION KIT
1	1	1	1		1	D2690-6	LANYARD
				4	4	D3910-3	X-TUBE LUG
1	1	1	1		1	D3912-041	EYEBOLT RECEIVER ASSY
				8	8	D3984-030	RUBBER EXTRUSION, X-TUBE
1						D4030-041	LONG BASKET ASSY
	1					D4030-043	LONG BASKET ASSY, LIGHTWEIGHT
		1				D4032-041	SHORT BASKET ASSY
			1			D4032-043	SHORT BASKET ASSY, LIGHTWEIGHT
/ 1	1	1	1		1	D4085-3	PLACARD-INSTRUCTIONS
1					1	D4086-200	PLACARD, MAX LOAD
	1				1	D4086-215	PLACARD, MAX LOAD
		1			1	D4086-220	PLACARD, MAX LOAD
			1		1	D4086-232	PLACARD, MAX LOAD
				1	1	D4148-041	FWD X-TUBE LUG ASSY
				1	1	D4149-041	AFT X-TUBE LUG ASSY
1	1	1	1		1	D4150-041	ATTACHMENT ARM ASSY
1	1	1	1		1	D4151-041	BASKET FWD HARDPOINT ASSY (LOWER)
1	1	1	1		1	D4151-043	BASKET FWD HARDPOINT ASSY (UPPER)
6	6	6	6		6	AN4-13A	BOLT
				16	16	AN4-14A	BOLT
1	1	1	1		1	AN4C15	BOLT
1	1	1	1		1	AN310C4	CASTELLATED NUT
/ 1	1	1	1		1	MS17984-C413	QUICK RELEASE PIN
6	6	6	6	16	22	MS21042L4	NUT (OR MS21042-4)
1	1	1	1		1	MS24665-151	COTTER PIN
2	2	2	2		2	NAS1515H4L	WASHER
12	12	12	12	32	44	NAS1149F0432P	WASHER
3	3	3	3		3	NAS1149C0463R	WASHER

• COPYRIGHT © 2010 BY DART AEROSPACE LTD. •  
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: A  
Date: 10.06.28